```
=> s us20070232836/pn
L1              1 US20070232836/PN

=> sel rn
E1 THROUGH E9 ASSIGNED

=> file reg
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           2.69          2.90

FILE 'REGISTRY' ENTERED AT 07:48:24 ON 06 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.
                              •
STRUCTURE FILE UPDATES:    5 MAY 2008  HIGHEST RN 1019372-76-9
DICTIONARY FILE UPDATES:   5 MAY 2008  HIGHEST RN 1019372-76-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> s e1-e9
             1 105988-28-1/BI
               (105988-28-1/RN)
             1 192126-76-4/BI
               (192126-76-4/RN)
             1 3483-12-3/BI
               (3483-12-3/RN)
             1 6088-50-2/BI
               (6088-50-2/RN)
             1 70-18-8/BI
               (70-18-8/RN)
             1 709044-44-0/BI
               (709044-44-0/RN)
             1 847493-44-1/BI
               (847493-44-1/RN)
             1 847493-45-2/BI
               (847493-45-2/RN)
             1 847493-46-3/BI
               (847493-46-3/RN)
L2           9 (105988-28-1/BI OR 192126-76-4/BI OR 3483-12-3/BI OR 6088-50-2/B
               I OR 70-18-8/BI OR 709044-44-0/BI OR 847493-44-1/BI OR 847493-45
               -2/BI OR 847493-46-3/BI)

=> d scan

L2   9 ANSWERS   REGISTRY  COPYRIGHT 2008 ACS on STN
IN   Glycine, L-γ-glutamyl-3-[(6-hydroxy-2-naphthalenyl)dithio]-L-alanyl-
```
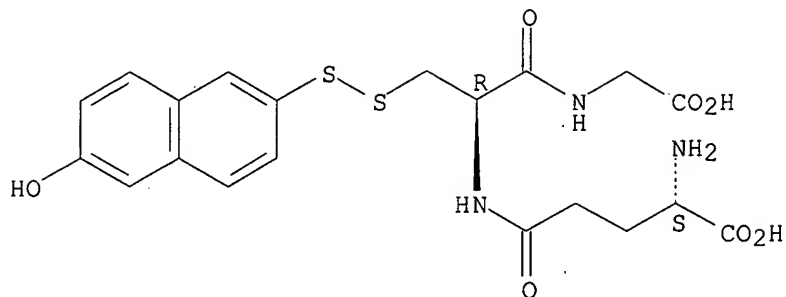
(9CI)
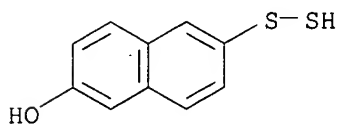MF   C20 H23 N3 O7 S2

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9
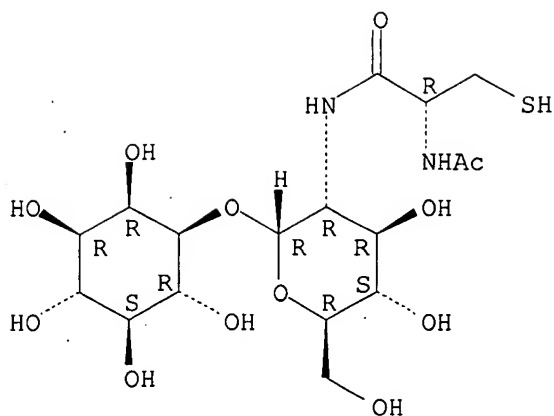
L2   9 ANSWERS   REGISTRY   COPYRIGHT 2008 ACS on STN
IN   2-Naphthalenesulfenothioic acid, 6-hydroxy-
MF   C10 H8 O S2

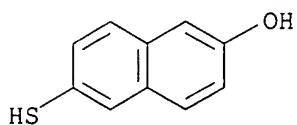**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L2   9 ANSWERS   REGISTRY   COPYRIGHT 2008 ACS on STN
IN   D-myo-Inositol, 1-O-[2-[[(2R)-2-(acetylamino)-3-mercapto-1-
      oxopropyl]amino]-2-deoxy-α-D-glucopyranosyl]-
MF   C17 H30 N2 O12 S

Absolute stereochemistry. Rotation (+).
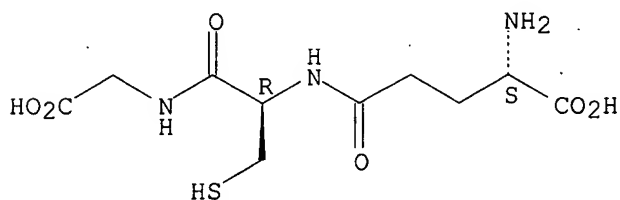
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2   9 ANSWERS   REGISTRY   COPYRIGHT 2008 ACS on STN
IN   2-Naphthalenol, 6-mercapto-
MF   C10 H8 O S

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2   9 ANSWERS   REGISTRY   COPYRIGHT 2008 ACS on STN
IN   Glycine, L-γ-glutamyl-L-cysteinyl-
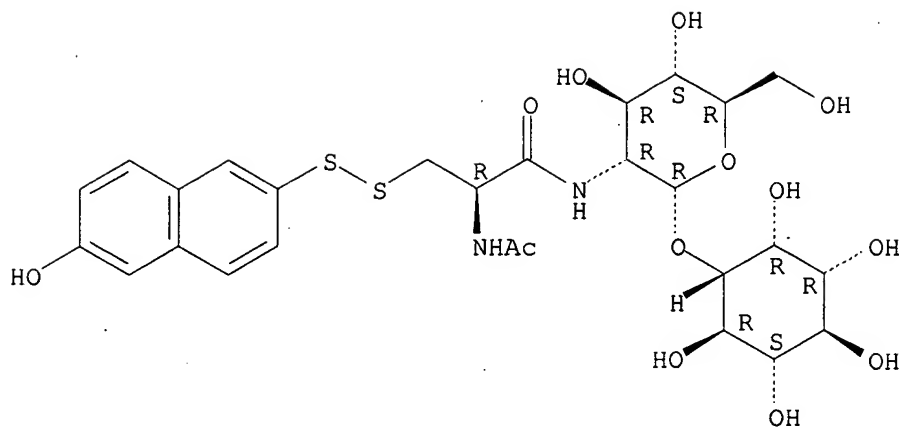MF   C10 H17 N3 O6 S
CI   COM

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
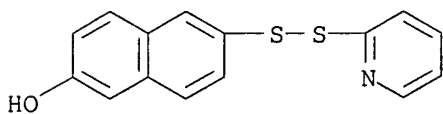

L2   9 ANSWERS   REGISTRY   COPYRIGHT 2008 ACS on STN
IN   D-myo-Inositol, 1-O-[2-[[(2R)-2-(acetylamino)-3-[(6-hydroxy-2-
      naphthalenyl)dithio]-1-oxopropyl]amino]-2-deoxy-α-D-glucopyranosyl]-
      (9CI)
MF   C27 H36 N2 O13 S2

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2   9 ANSWERS   REGISTRY COPYRIGHT 2008 ACS on STN
IN   2-Naphthalenol, 6-(2-pyridinyldithio)-
MF   C15 H11 N O S2

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

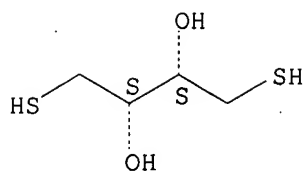L2   9 ANSWERS   REGISTRY COPYRIGHT 2008 ACS on STN
IN   2-Pyridinesulfenothioic acid
MF   C5 H5 N S2
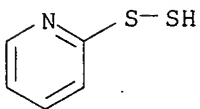
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2   9 ANSWERS   REGISTRY COPYRIGHT 2008 ACS on STN
IN   2,3-Butanediol, 1,4-dimercapto-, (2R,3R)-rel-
MF   C4 H10 O2 S2
CI   COM

Relative stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:ssspta1621con

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

  NEWS 1   Web Page for STN Seminar Schedule - N. America
  NEWS 2   JAN 02   STN pricing information for 2008 now available
  NEWS 3   JAN 16   CAS patent coverage enhanced to include exemplified
                      prophetic substances
  NEWS 4   JAN 28   USPATFULL, USPAT2, and USPATOLD enhanced with new
                      custom IPC display formats
  NEWS 5   JAN 28   MARPAT searching enhanced
  NEWS 6   JAN 28   USGENE now provides USPTO sequence data within 3 days
                      of publication
  NEWS 7   JAN 28   TOXCENTER enhanced with reloaded MEDLINE segment
  NEWS 8   JAN 28   MEDLINE and LMEDLINE reloaded with enhancements
  NEWS 9   FEB 08   STN Express, Version 8.3, now available
  NEWS 10   FEB 20   PCI now available as a replacement to DPCI
  NEWS 11   FEB 25   IFIREF reloaded with enhancements
  NEWS 12   FEB 25   IMSPRODUCT reloaded with enhancements
  NEWS 13   FEB 29   WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                      U.S. National Patent Classification
  NEWS 14   MAR 31   IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                      IPC display formats
  NEWS 15   MAR 31   CAS REGISTRY enhanced with additional experimental
                      spectra
  NEWS 16   MAR 31   CA/CAplus and CASREACT patent number format for U.S.
                      applications updated
  NEWS 17   MAR 31   LPCI now available as a replacement to LDPCI
  NEWS 18   MAR 31   EMBASE, EMBAL, and LEMBASE reloaded with enhancements
  NEWS 19   APR 04   STN AnaVist, Version 1, to be discontinued
  NEWS 20   APR 15   WPIDS, WPINDEX, and WPIX enhanced with new
                      predefined hit display formats
  NEWS 21   APR 28   EMBASE Controlled Term thesaurus enhanced
  NEWS 22   APR 28   IMSRESEARCH reloaded with enhancements

  NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
               AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

  NEWS HOURS   STN Operating Hours Plus Help Desk Availability
  NEWS LOGIN   Welcome Banner and News Items
  NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:07:50 ON 06 MAY 2008

=> FILE REG

COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   .   0.21   0.21

FILE 'REGISTRY' ENTERED AT 08:08:12 ON 06 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAY 2008   HIGHEST RN 1019372-76-9
DICTIONARY FILE UPDATES: 5 MAY 2008   HIGHEST RN 1019372-76-9

New CAS Information Use Policies; enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html
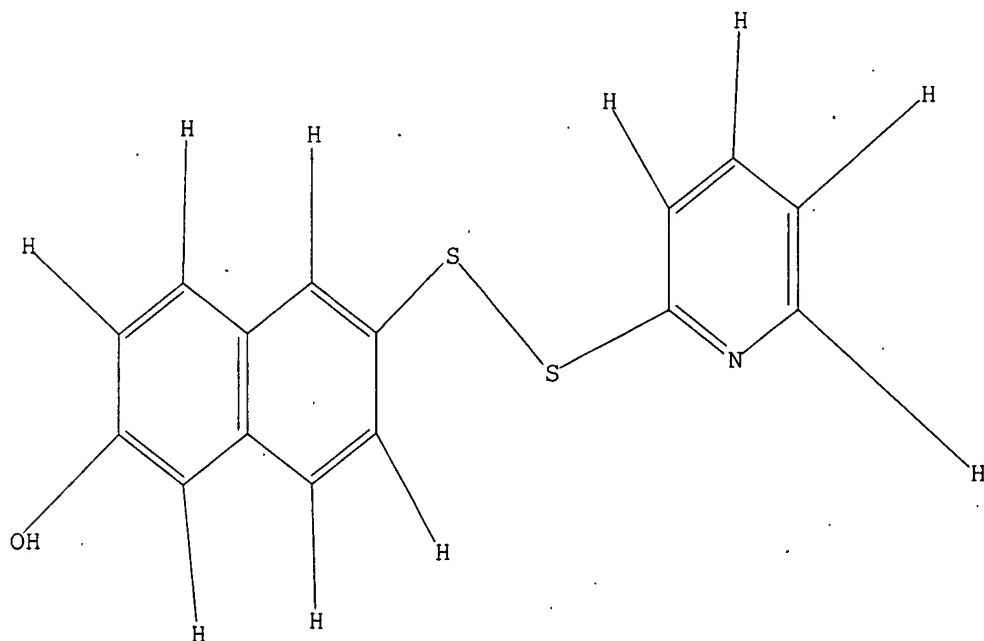
=>
Uploading C:\Program Files\Stnexp\Queries\SS.str

L1   STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

=> S L1 FULL
FULL SEARCH INITIATED 08:09:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   90 TO ITERATE

100.0% PROCESSED   90 ITERATIONS   1 ANSWERS
SEARCH TIME: 00.00.01

L2   1 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   178.82   179.03

FILE 'CAPLUS' ENTERED AT 08:09:16 ON 06 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 6 May 2008 VOL 148 ISS 19
FILE LAST UPDATED: 5 May 2008   (20080505/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> S L2
L3   2 L2

=> D L3 IBIB ABS HITSTR 1-2

L3   ANSWER 1 OF 2   CAPLUS   COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:216793   CAPLUS
DOCUMENT NUMBER: 142:278860
TITLE: A method of isolating a thiol
INVENTOR(S):   Steenkamp, Daniel Jacobus
PATENT ASSIGNEE(S):   University of Cape Town, S. Afr.
SOURCE: PCT Int. Appl., 26 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005021493	A2	20050310	WO 2004-IB2774	20040827
WO 2005021493	A3	20050414		

```
W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
    CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
    GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
    LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
    NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
    TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
    AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
    EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
    SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
    SN, TD, TG
```

US 20070232836   A1   20071004   US 2007-569710   20070308
PRIORITY APPLN. INFO.:   ZA 2003-6684   A   20030827
   WO 2004-IB2774   W   20040827
OTHER SOURCE(S):   MARPAT 142:278860
AB   The invention relates to a method of isolating a thiol R'SH from a thiol
     containing mixture The method includes the steps of forming a mixed disulfide
     R'SSR of the thiol R'SH, purifying the mixed disulfide R'SSR and reducing
     the purified mixed disulfide R'SSR. The thiol R'SH is thereafter
     isolated. The invention extends to a disulfide of the formula R'SSR.
IT   709044-44-0P
     RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic
     preparation); PREP (Preparation); RACT (Reactant or reagent)
         (isolating a thiol from fermentation)
RN   709044-44-0 CAPLUS
CN   2-Naphthalenol, 6-(2-pyridinyldithio)-   (CA INDEX NAME)
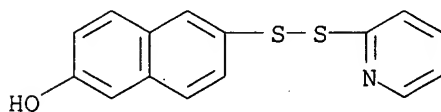
L3   ANSWER 2 OF 2   CAPLUS   COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:30260   CAPLUS
DOCUMENT NUMBER: 141:50006
TITLE: Preparation and utilization of a reagent for the
                          isolation and purification of low-molecular-mass
                          thiols
AUTHOR(S):   Steenkamp, Daniel J.; Vogt, Ryan N.
CORPORATE SOURCE: Faculty of Health Sciences, Division of Chemical
                          Pathology, University of Cape Town, Cape Town, 7935,
                          S. Afr.
SOURCE: Analytical Biochemistry (2004), 325(1), 21-27
                          CODEN: ANBCA2; ISSN: 0003-2697
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
AB   Problems inherent in the isolation of thiols from natural sources, such as
     oxidation, undesirable addition reactions, and low concentration of thiol
species in
     cell-free exts., can be circumvented by reversible derivatization to a
     less labile form which can be concentrated selectively. These objectives are
     realized by converting thiols to heterodisulfides in which the thiol
     partner is an apolar thiol with strong affinity for hydrophobic stationary
     phases. When reacted with 2-S-(2'-thiopyridyl)-6-hydroxynaphthyldisulfide
     at pH<5, where most thiol species are relatively stable to atmospheric
oxidation,
     mixed disulfides with 2-mercapto-6-hydroxynaphthalene as the apolar
     partner are obtained in good yield and can be concentrated onto a hydrophobic
     stationary phase. Such heterodisulfides exhibit excellent chromatog.
     properties when separated on reversed-phase media and the derivatization

reaction can, therefore, be conveniently monitored. Following their
isolation as the heterodisulfides the thiol species of interest are
recovered by reduction and facile separation from the apolar 2-mercapto-6-
hydroxynaphthalene partner.
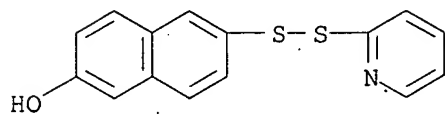
IT   709044-44-0
     RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);
     ANST (Analytical study); BIOL (Biological study); USES (Uses)
         (preparation and utilization of reagent for isolation and purification of
         low-mol.-mass thiols from biol. system)
RN   709044-44-0 CAPLUS
CN   2-Naphthalenol, 6-(2-pyridinyldithio)-   (CA INDEX NAME)

REFERENCE COUNT: 20   THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:sssptal621con

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * *

 NEWS 1   Web Page for STN Seminar Schedule - N. America
 NEWS 2   JAN 02   STN pricing information for 2008 now available
 NEWS 3   JAN 16   CAS patent coverage enhanced to include exemplified
                    prophetic substances
 NEWS 4   JAN 28   USPATFULL, USPAT2, and USPATOLD enhanced with new
                    custom IPC display formats
 NEWS 5   JAN 28   MARPAT searching enhanced
 NEWS 6   JAN 28   USGENE now provides USPTO sequence data within 3 days
                    of publication
 NEWS 7   JAN 28   TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS 8   JAN 28   MEDLINE and LMEDLINE reloaded with enhancements
 NEWS 9   FEB 08   STN Express, Version 8.3, now available
 NEWS 10   FEB 20   PCI now available as a replacement to DPCI
 NEWS 11   FEB 25   IFIREF reloaded with enhancements
 NEWS 12   FEB 25   IMSPRODUCT reloaded with enhancements
 NEWS 13   FEB 29   WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                    U.S. National Patent Classification
 NEWS 14   MAR 31   IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                    IPC display formats
 NEWS 15   MAR 31   CAS REGISTRY enhanced with additional experimental
                    spectra
 NEWS 16   MAR 31   CA/CAplus and CASREACT patent number format for U.S.
                    applications updated
 NEWS 17   MAR 31   LPCI now available as a replacement to LDPCI
 NEWS 18   MAR 31   EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 19   APR 04   STN AnaVist, Version 1, to be discontinued
 NEWS 20   APR 15   WPIDS, WPINDEX, and WPIX enhanced with new
                    predefined hit display formats
 NEWS 21   APR 28   EMBASE Controlled Term thesaurus enhanced
 NEWS 22   APR 28   IMSRESEARCH reloaded with enhancements

 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

 NEWS HOURS   STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN   Welcome Banner and News Items
 NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

 * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

```
=> FILE REG
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY       SESSION
FULL ESTIMATED COST                               0.21         0.21
```

```
=>
Uploading C:\Program Files\Stnexp\Queries\SS1.str
```



```
chain nodes :
11   12   13   14   15   16   17   18   31   32   33   34   35   36   37   38   39   40   41   42   43
44   45   46   47   48   49   50   51   52   53   54   55
ring nodes :
1    2    3    4    5    6    7    8    9    10   19   20   21   22   23   24   25   26   27   28   29   30
chain bonds :
1-15   2-12   3-16   4-17   7-18   8-11   9-13   10-14   11-41   19-31   20-32   21-42   22-43
23-52   25-46   26-47   27-48   28-31   28-51   29-44   30-45   32-33   33-34   33-40   34-35
34-36   35-41   35-49   35-50   36-37   37-38   37-39   52-53   52-54   52-55
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   9-10   19-20   19-24   20-21   21-22
 22-23   23-24   25-26   25-30   26-27   27-28   28-29   29-30
exact/norm bonds :
2-12   8-11   11-41   19-20   19-24   19-31   20-21   20-32   21-22   21-42   22-23   22-43
23-24   25-26   25-30   25-46   26-27   26-47   27-28   27-48   28-29   28-31   29-30   29-44
30-45   32-33   33-40   34-36   35-41   36-37   37-39   52-53
```

exact bonds :
1-15 3-16 4-17 7-18 9-13 10-14 23-52 28-51 33-34 34-35 35-49 35-50
37-38 52-54 52-55
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:Atom 30:Atom 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS
52:CLASS 53:CLASS 54:CLASS 55:CLASS

L1   STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> S L1 FULL.
FULL SEARCH INITIATED 08:24:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   9 TO ITERATE

100.0% PROCESSED   9 ITERATIONS   1 ANSWERS
SEARCH TIME: 00.00.01

L2   1 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
FULL ESTIMATED COST   178.36   178.57

FILE 'CAPLUS' ENTERED AT 08:24:33 ON 06 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907 - 6 May 2008 VOL 148 ISS 19
FILE LAST UPDATED: 5 May 2008 (20080505/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

```
=> S L2
L3              1 L2

=> D L3 IBIB ABS HITSTR 1
```

L3   ANSWER 1 OF 1   CAPLUS   COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:216793 CAPLUS
DOCUMENT NUMBER: 142:278860
TITLE: A method of isolating a thiol
INVENTOR(S):   Steenkamp, Daniel Jacobus
PATENT ASSIGNEE(S):   University of Cape Town, S. Afr.
SOURCE: PCT Int. Appl., 26 pp.
                        CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005021493	A2	20050310	WO 2004-IB2774	20040827
WO 2005021493	A3	20050414		

```
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
            LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
            NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
            TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
            AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
            EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
            SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
            SN, TD, TG
```

US 20070232836	A1	20071004	US 2007-569710		20070308

```
PRIORITY APPLN. INFO.:                      ZA 2003-6684     A  20030827
                                            WO 2004-IB2774   W  20040827
```

OTHER SOURCE(S):   MARPAT 142:278860
AB   The invention relates to a method of isolating a thiol R'SH from a thiol
      containing mixture The method includes the steps of forming a mixed disulfide
      R'SSR of the thiol R'SH, purifying the mixed disulfide R'SSR and reducing
      the purified mixed disulfide R'SSR. The thiol R'SH is thereafter
      isolated. The invention extends to a disulfide of the formula R'SSR.
IT   847493-45-2P, 2-S-Mycothiolyl-6-hydroxynaphthalene disulfide
      RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic
      preparation); PREP (Preparation); RACT (Reactant or reagent)
          (isolating a thiol from fermentation)
RN   847493-45-2 CAPLUS
CN   D-myo-Inositol, 1-O-[2-[[(2R)-2-(acetylamino)-3-[(6-hydroxy-2-
      naphthalenyl)dithio]-1-oxopropyl]amino]-2-deoxy-α-D-glucopyranosyl]-
      (9CI) (CA INDEX NAME)

Absolute stereochemistry.
```

```
=>
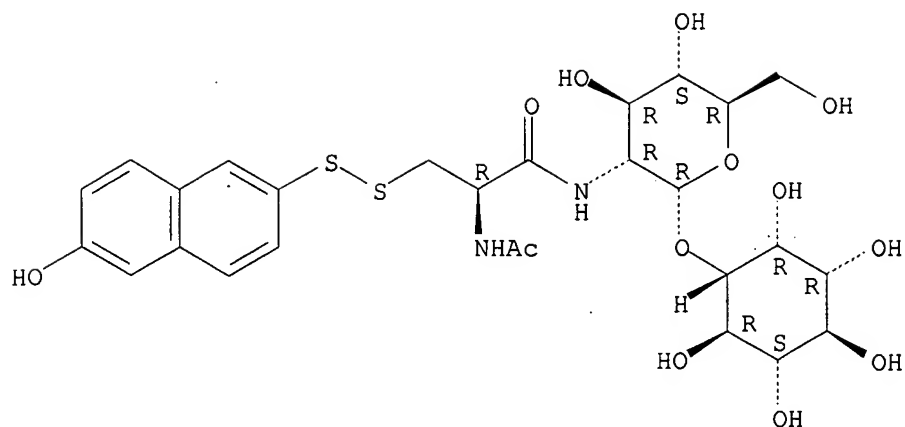
---Logging off of STN---


=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS                             SINCE FILE        TOTAL
                                                   ENTRY         SESSION
FULL ESTIMATED COST                                 6.41          184.98

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE        TOTAL
                                                   ENTRY         SESSION
CA SUBSCRIBER PRICE                                -0.80           -0.80

STN INTERNATIONAL LOGOFF AT 08:25:37 ON 06 MAY 2008
```